

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Park
Serial No.: 10/734,085
Filed: December 11, 2003
Title: HEAT GENERATING EXPANDER FOR HEAT PUMP
SYSTEMS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

PTO form 1449 is submitted herewith pursuant to the provisions of 37 CFR 1.97 and 1.98(a) as a means of complying with the requirements of 37 CFR 1.56 with respect to the above identified application. In accordance with Patent Office guidelines, a copy of the citations listed on PTO 1449 need not be provided. None of these references discloses the invention claimed in the subject application.

It is believed that this is being submitted within three months of the filing date of this application pursuant to 37 CFR 1.97(b)(1) and therefore no fees are required. If a petition and fee are required please consider this a petition to consider the Information Disclosure and charge all fees to Carlson, Gaskey & Olds, P.C., Deposit Account No. 50-1482.

Respectfully submitted,

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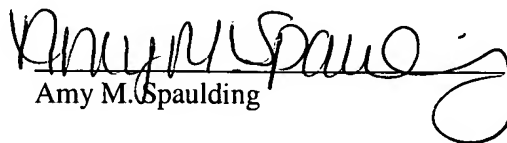
Dated: March 3, 2004

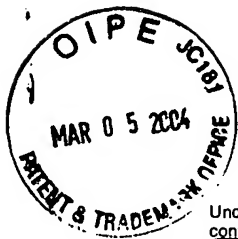


60246-259

CERTIFICATE OF MAILING

I hereby certify that the enclosed **IDS and Form PTO-1449** are being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 3, 2004.


Amy M. Spaulding



PTO/SB/08A (10-01)
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 1		Complete if Known	
		Application Number	10/734,085
		Filing Date	December 11, 2003
		First Named Inventor	Park
		Art Unit	
		Examiner Name	
		Attorney Docket Number	60246-259

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 3,277,658	10-11-1966	Leonard Jr.	
		US- 4,235,079	11-25-1980	Masser	
		US- 5,819,554	10-13-1998	Glen	
		US- 6,543,238	04-08-2003	Yamanaka et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	-Number ⁴ - Kind Code ⁵ (if known)			

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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